CLAIMS

1. A method for preparing a medical solution, comprising the steps of:

a) providing a solution comprising one or more acetylated or deacetylated amino sugars in at least one compartment of a container, said solution having a pH of 2.0-5.0, and

b) terminal sterilisation of said at least one compartment and the contents therein.

2. The method according to claim 1, wherein the pH is 2.5-3.5, preferably 3.0.

3. The method according to claim 1, wherein said one or more acetylated or deacetylated amino sugar/sugars is/are chosen from N-acetylglucosamine (NAG), galactosamine, N-acetylgalactosamine, mannosamine, and N-acetylmannosamine in the form of monomers, oligomers and/or polymers thereof including chitin, and human glucose-aminoglycans, as well as derivatives thereof.

4. Method according to any one of the previous claims, wherein said one or more acetylated or deacetylated amino sugar/sugars is/are present in a concentration of 15-40% by weight, preferably 20-40% by weight, most preferably at least 30% by weight, with the basis of the solution in said at least one compartment.

5. The method according to any one of the previous claims, wherein said one or more acetylated or deacetylated amino sugar/sugars is N-acetylglucosamine (NAG).

6. The method according to any one of the preceding claims, wherein the terminal sterilisation is heat sterilisation at a temperature of at least 100°C, preferably at 121°C, and/or radiation sterilisation.

7. The method according to any one of the preceding claims, wherein each compartment of the container is delimited from the other/others during the terminal sterilisation, and wherein the terminally sterilised solution containing one or more acetylated or deacetylat-

ed amino sugars is/are mixed with a terminally sterilised pH adjusting and diluting solution in at least one other terminally sterilised compartment of the container, thereby finally preparing the medical solution.

8. The method according to claim 7, wherein the pH in the finally prepared medical solution is 6.0-8.0, preferably 7.4.

9. The method according to claim 7 or 8, wherein the concentration of acetylated or deacetylated amino sugar/-sugars in the finally prepared solution is/are 0.2-15.0% by weight, preferably 0.5-6.0% by weight.

10. The method according to any one of the preceding claims, wherein physiologically compatible constituents in the form of carbohydrates, preferably glucose, proteins, peptides, and antioxidants are present in one or more of said compartments.

11. The method according to any one of the preceding claims, wherein the medical solution prepared is a peritoneal dialysis solution.

12. A solution comprising one or more acetylated or deacetylated amino sugar/sugars and having a pH of 2.0-5.0, preferably 2.5-3.5, most preferably 3.0, wherein said solution is terminally sterilised and contains low levels of cytotoxic degradation products.

13. The solution according to claim 12, wherein said one or more acetylated or deacetylated amino sugar/sugars is/are present in a concentration of 15-40% by weight, preferably 20-40% by weight, most preferably at least 30% by weight.

14. The solution according to any one of claims 12 and 13, wherein the acetylated or deacetylated amino sugar/sugars is/are as defined in claim 3, and preferably is N-acetylglucosamine.

15. A container comprising at least one compartment containing a solution according to any one of claims 12-14.

16. Use of a solution according to any one of claims 12-14 for the manufacture of a medicament for peritoneal dialysis, wherein it is mixed with a terminally sterilised pH adjusting and diluting solution.